

Alarm Lists Synchronization in an Alarm Management System

Abstract of Disclosure

The present invention allows synchronizing alarm lists of two network entities of an Alarm Management System (AMS), such as the ones of an agent and a manager. The agent loses confidence in its Agent Alarm List (AAL) and decides to rebuild the AAL. It notifies its cooperating manager(s) via a rebuild notification (e.g. a NotifyFaultyAlarmList) of the ongoing or impending rebuild process with, preferably, a reason code indicating why rebuild is necessary. Upon receipt of the rebuild notification, the manager stops processing the Manager Alarm List (MAL) involving alarm notifications from the portion of the AAL being rebuilt, and purges these alarm notifications. Upon completion of the AAL rebuild, agent sends to the managers alarm notifications from the rebuilt AAL, preferably using alarm batches and/or a NotifyAlarmListRebuilt notification message. The manager(s) receives the alarm notifications and restores its/their MAL, and resume normal operation.

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Figures

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